

# Receiving Report

Date:

13/7/17

Batch No:

M126349

Supplier:

TUMBOA

Dart P/O:

20534

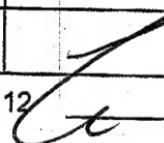
Packing Slip: Yes  No  
Invoice: Yes  No   
Receipt: Cash  Cr

Release Note Attached: Yes  No  N/A  
Waybill Attached: Yes  No  N/A  
Shipment Complete: Yes  No  N/A  
QC6 Inspection ~~OK~~  N/A  
Work Order ~~OK~~ 16 136748  
9-89  N/A

## Discrepancies

Part Number	Description	Quantity Shipped	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12



Production/Admin:

Date

Received/Costing

Initial



Location

# Purchase Order Receipt Listing

Page 1 of 1

Wednesday, July 17, 2013 11:01:22 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO20534 Receipt Dates from 7/17/2013 to 7/17/2013 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID	Vendor Name	VU-TWM001	TW Metals								
PO20534	1		M6061T6T0.3125W. f 058		7/18/2013	7/17/2013	204.0000	\$2.50	0.0000	0	\$510.00
USD	No		ALUM TUBE .3125 f x .058w m126349		200.0000	DESJ02		\$510.00	0.0000	0	
	2		M304TR0.750W.049 f		7/18/2013	7/17/2013	160.0000	\$2.25	0.0000	0	\$360.00
	No		304 RD Tube .750 x .049W m126349		160.0000	DESJ02		\$360.00	0.0000	0	
											<b>Total Received Quantity:</b> 364.0000
											<b>Total Qty to Inspect (PO U/M):</b> 0.0000
											<b>Total Reject Quantity:</b> 0.0000
											<b>Total Receipt Value:</b> \$870.00
											<b>Total Balance Due Quantity:</b> 0.0000



ORDER NO.: 60512030      FROM: CRAN      PAGE 1

CUST NUMBER: 1203820      NET WGT: 69.813      REQ. DATE: 07/18/13 CONFIRMED  
 SOLD TO: DART AEROSPACE LTD  
 1270 ABERDEEN ST  
 HAWKSBURY ON  
 CANADA      CN K6A 1K7      SHIP TO: DART AEROSPACE LTD  
 1270 ABERDEEN ST  
 HAWKSBURY ON  
 ONTARIO CANADA      CN K6A 1K7

SALESPERSON: DONNA SMALLEY      SHIP BY: 07/12/13  
 TERMS: NET 30 DAYS      VIA: COMMON CARRIER  
 F.O.B.: SHIPPING POINT      FREIGHT: PREPAID  
 CUST ORD NO.: PO20534      RELEASE NO.:  
 RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH
0001	41723 D6061-T6 5/16 OD X .058 WA	12 FT ML	
QTY:	204.000 FT	WT: 11.138 PC: 17	SHP: 204.000 FT

PART#: M6061T6T0.3125W.058

\*\* 1 TEST REPORTS REQUIRED \*\*  
 \*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99      Export License: NLR      Expiration Date: 0/00/00  
 PO: 49292882 HT: 29478553      PC: 17      SLB/CL: 216642  
 MLT: MFG: UNITED STATES

0002	36860 SMLS CD 304/L A269 3/4 OD X .049 WA	17/24 FT
QTY:	160.000 FT	WT: 58.675 PC: 8
		SHP: 160.000 FT

PART#: M304TR0.750W.049

\*\* 1 TEST REPORTS REQUIRED \*\*  
 \*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.g      Export License: NLR      Expiration Date: 0/00/00  
 PO: 49273966 HT: CT20919      PC: 1      SLB/CL: 2012-03-007-B  
 MLT: CHINA      MFG: CHINA  
 PO: 49285468 HT: YX1203506      PC: 7      SLB/CL: 1-58  
 MLT: CHINA      MFG: CHINA

PACK INFO					
AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH HGT
B	CARTON	1.000	79.000		12.6000
B	CARTON	1.000			20.6000
		2.000	79.000		

BY: KG

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE  
 OF THESE PRODUCTS ARE SET FORTH ON THE  
 REVERSE SIDE FOR YOUR CAREFUL REVIEW.

**PACKING SLIP**

ORDER NO.: 60512030      FROM: CRAN      PAGE 2

CUST NUMBER: 1203820      NET WGT:  
SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON  
CANADA      CN K6A 1K7

69.813      REQ. DATE: 07/18/13 CONFIRMED  
SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON  
ONTARIO CANADA      CN K6A 1K7

SALESPERSON:      DONNA SMALLEY  
TERMS:      NET 30 DAYS  
F.O.B.:      SHIPPING POINT  
CUST ORD NO.:      PO20534

SHIP BY:      07/12/13  
VIA:      COMMON CARRIER  
FREIGHT:      PREPAID  
RELEASE NO.:

LINE ITEM DESCRIPTION  
RT 000-

RECEIVING PHONE:  
WIDTH      LENGTH  
UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE  
OF THESE PRODUCTS ARE SET FORTH ON THE  
REVERSE SIDE FOR YOUR CAREFUL REVIEW.



## **PACKING SLIP**

ORDER NO.: 60512030      FROM: CRAN      PAGE 3

CUST NUMBER: 1203820 NET WGT:  
SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKESBURY ON  
CANADA CN K6A 1K

69.813 REQ. DATE: 07/18/13 CONFIRMED  
SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN ST  
HAWKSBURY ON  
ONTARIO CANADA CN K6A 1K7

SALESPERSON:	DONNA SMALLEY
TERMS:	NET 30 DAYS
F.O.B.:	SHIPPING POINT
CUST ORD NO.:	PO20534
VIA:	COMMON CARRIER
FREIGHT:	PREPAID
RELEASE NO.:	
RECEIVING PHONE:	

SHIP BY: 07/12/13  
27 ENGLEHARD DRIVE  
MONROE TWP NJ 08831

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material."

**Authorized Test Report Clerk**

Janice Clark

Date: 7/17/13

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

# THANK YOU FOR THIS ORDER

**TERMS AND CONDITIONS APPLICABLE TO THE SALE  
OF THESE PRODUCTS ARE SET FORTH ON THE  
REVERSE SIDE FOR YOUR CAREFUL REVIEW.**



A COMPANY OF MUELLER INDUSTRIES

PRECISION TUBE CO.  
287 WISSAHICKON AVE.  
NORTH WALES PA 19454

Control No: 163412

## CERTIFIED TEST REPORT

CUSTOMER PURCHASE ORDER NO.	CUST. ORD. NO.	PRECISION TUBE P/N
49292882 LINE 002	216642	24A031250580005
<b>SOLD:</b> TW METALS TO 27 ENGLEHARD DRIVE MONROE TWP, NJ 08831 UNITED STATES		<b>SHIP:</b> TW METALS TO 27 ENGLEHARD DRIVE MONROE TWP, NJ 08831 UNITED STATES
QUANTITY ORD.	DESCRIPTION	QTY. SHIPPED
2196 FT	METAL - 6061 ALUM TEMPER - T6 SPEC - AMS 4082P ASTM-B-210-12 AMS-WW-T-700/6B LENGTH - 12 FT LGTH TOL +.1250 IN -.0000 IN SHAPE - ROUND FINISH - STRAIGHT EXACT LENGTHS OD .3125 +.0030 -.0038 ID WALL .0580 +.0040 -.0040	2424 FT
		05/24/13 3/07/18

## MECHANICAL PROPERTIES

SAMPLE #	TENSILE STRENGTH (P.S.I.)	YIELD STRENGTH (P.S.I.)	ELONGATION IN 2 INCHES (%)	ROCKWELL HARDNESS	AVERAGE GRAIN SIZE (MM.)
1	46,420	41,461	18		

## DESTRUCTIVE TESTS

Comments: FAR BAA COMPLIES, DFARS BAA COMPLIES, FAR TAA COMPLIES

## NON-DESTRUCTIVE TESTS

EDDY CURRENT: PASS

## CHEMICAL COMPOSITION

ALLOY:	6061	HEAT:	TRACEABILITY #:	29478553	04
			RAW MTL VENDOR:	PTZ8063	- Kaiser Aluminum
Min	0.40	0.15	Si	Mg	Cr
Max	0.80	0.70	Fe	Mn	Zn

OTHER ELEMENTS: 0.05 MAX EACH / 0.15 MAX TOTAL

We hereby certify that the material has been manufactured and tested in accordance with the requirements of the applicable specifications and descriptions set forth on Precision Tube's sales acknowledgement. During the manufacturing, testing and inspection, the product did not come into direct contact with mercury or any of its compounds, nor with any mercury containing device employing a single boundary containment. Test results indicate that the material is compliant with the current revision of the RoHS Directive (2002/95/EU).

Manufactured in the USA  
QMS Registered to ISO 9001: 2008

By: Art Onaitis  
Art Onaitis  
QA Manager

05/24/13



CRYSTAL-PALACE

## SHANGHAI CRYSTAL PALACE PIPE CO., LTD

## INSPECTION CERTIFICATE

ISO9001:2008, PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2012/7/21

CUSTOMER: KASUGAI CORPORATION OF AMERICA, INC.				CERTIFICATE NO.: 2012-3-7-B-6				
P.O.NO.: M 49273966				ORDER NO.: 2012-03-007-B				
COMMODITY: STAINLESS STEEL TUBE.				GRADE: ASTM A269-10/A213-11A TP304/304L				
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 240 GRIT.				HEAT NO.: 20919				
CHEMICAL CONTENTS (WT%)								
ELEMENTS	C	Mn	P	S	Si	Ni	Cr	
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.045	≤ 0.030	≤ 1.00	8.0~12.0	18.0~20.0	
RESULTS (LADLE)	0.025	0.74	0.040	0.005	0.38	8.07	18.11	

## PHYSICAL PROPERTIES

O.D (inch)	W.T (inch)	Length (feet)	Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa) ≥205	TS (Mpa) ≥515	EL (%) ≥35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤80	EDDY CURRENT TEST (100%)
5/8	0.083	20	P12-5-201	100	441	295	660	67.0	OK	OK	75	OK
1 1/4	0.065	20	Z12-5-102	75	566	260	680	66.5	OK	OK	75	OK
3/4	0.049	20	P12-5-290	100	337	270	665	64.0	OK	OK	75	OK
1 1/2	0.095	20	Z12-5-106	30	392	245	670	69.5	OK	OK	76	OK

## REMARKS:

AS PER ASTM A269-10 / ASTM A213-11A / ASME  
SA213-10 EXCEPT AVG WALL  
IN COMPLIANCE TO NACE MR0175/ISO 15156-2003  
SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min

NO WELD REPAIR WAS PERFORMED

FREE FROM MERCURY CONTAMINATION

COUNTRY OF ORIGIN: CHINA

COUNTRY OF MELT: CHINA

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN  
TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF  
THE PURCHASE ORDER OR CONTRACT  
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT  
THE WRITTEN APPROVAL OF THE COMPANY.

TW METALS

AUG 24 2012

REPORT

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ACCEPTED BY

Dingweiwei  
MANAGER OF QUALITY ASSURANCE DEPARTMENT

PUFA™

Producer of Premium Stainless Steel Seamless Tubes

MILL TEST REPORT

SB6718

Purchaser.: TW METALS-Cranbury		Certificate No.: 13-3-9							
Contract No.: TWM P.O.No.: M49285468		Date of Issue.: 2013.3.6							
Commodity: Stainless Steel Seamless Tubes		Specifications: ASTM A213-11a/ASME SA213-08/ASTM A269-10 EAW							
Process: Cold Drawn		Delivery Condition: OD Polished to 240 Grit							
Steel Grade	Heat Number	Lot Number	Dimensions		Quantity				
			Pieces	Quantity (ft)					
TP304/TP304L	YX1203-506	1-58	3/4" x 0.049" x 20'	250	5,000				
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00		
Ladle Analysis	0.019	0.77	0.030	0.001	0.38	18.37	8.08		
Product Analysis	0.024	0.82	0.034	0.001	0.37	18.32	8.88		
Mechanical Properties									
Test Item	Elongation (% in 2")		Tensile Strength (MPa)			Yield Strength (MPa)			
	Requirements	Test Results	Rm	≥35	≥515	Rp / 0.2%	≥205	260/270	
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test		
Requirements		HRB≤80		22%	c=0.09				
Test Results		75/77		Passed	Passed		OK		
Test Item	Eddy Current Test	Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection				
Requirements	ASTM E 426			ASTM A262 E	End Cut	Appearance			
Test Results	Passed			OK	OK	OK			

ISO 9001:2008 Certified by Moody International 110703068

PED Certified by SZUTEST 2195-PED-1221604

Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-11a
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) No weld repair performed
- (7) Free from mercury contamination
- (8) Billets melt and pipes/tubes manufactured in China
- (9) All tubes 100% PMI tested
- (10) All tubes 100% Eddy Current Test

CANNOT CERTIFY COMPLIANCE  
FAR BAA / DFARS BAA / FAR TAA

By:



Manager / Quality Control Department

Shanghai Pufa Stainless Steel Pipe Factory  
No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China

TEST REPORT

MAY - 2 2013

ACCEPTED BY:

James



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID **PO20534**

Purchase Order Date 7/11/2013

PO Print Date 7/11/2013

Page Number 1 of 1

Order From :  
TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

VU-TWM001

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 585 768 5600  
  
Ship To Contact  
Ship To Phone  
Ship Via: Yours ppd  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB Destination-Collect

**FAKED**  
(07/30/13)

1126349

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	List Price	Disc %	Discounted Unit Price	Extended Price
					Promise Date				
1	M6061T6T0.3125W.058	ALUM TUBE .3125 x .058W	7/18/2013	✓	200.00				\$500.00
		MATERIAL: 6061-T6/62/6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241	7/18/2013	Yes		1126349			
2	M304TR0.750W.049	304 RD Tube .750 x .049W	7/18/2013	✓	160.00				\$360.00
		AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A210/ASME SA213 OR ASTM A269	7/18/2013	Yes					
								Line Total:	\$500.00
								Line Total:	\$360.00
								PO Total:	\$860.00

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.  
No substitution or deviation without consent.

Certificate of Conformity or Material Certification required -  YES  NO

Change Nbr: 1

Change Date: 7/11/2013